



2004 Children's Environmental Health Regional Summit **A Conference for Environmental, Health and Education Professionals**

Brought to you by:

US Environmental Protection Agency Region 8
US Department of Health and Human Services Region VIII
Rocky Mountain Region Pediatric Environmental Health Specialty Unit
Utah Departments of Environmental Quality, Health, Agriculture & Food, & Human Services
Utah Local Health Departments
University of Utah
Brigham Young University
Utah Primary Children's Medical Center
Utah Nurses Association

October 7 & 8, 2004 - SALT LAKE CITY, UTAH - MAIN LIBRARY
210 East 400 South
Salt Lake City UT 84111

Creating Partnerships to Protect Children's Health

REGISTER NOW!!!

2004 Children's Environmental Health Regional Summit A Conference for Health Providers, Environmental and Education Professionals **October 7 & 8, 2004**

Background

Why focus on Children?

- Compared to adults, children eat proportionately more food, drink more fluids and breathe more air than adults. As a result, they are exposed to more pollutants per pound of body weight than adults.
- Children are more vulnerable than adults to environmental hazards because their systems are still developing, often making them less able to metabolize, detoxify and excrete toxins.
- Their behavior patterns, such as playing close to the ground and hand-to-mouth activity, increase their exposure to potential toxics.
- They are least able to protect themselves.
- They have a longer life expectancy and thus a longer time to develop diseases resulting from environmental exposures.
- Fewer than half of the synthetic chemicals that have been developed and released to the environment have been tested for potential human toxicity, fewer still, for their potential effects on children.
- Children represent twenty five percent of our population but 100% of our future.

Conference Goals

Upon completion of this program, participants should be able to:

1. Coordinate and share information across government agencies, health organizations, health care providers, educators, and the general public in addressing children's environmental health issues.
2. Identify, prevent, and reduce environmental health threats to children.
3. Be familiar with "best practices", and emerging science regarding the protection of children's health from environmental hazards.

Who Should Attend

- Local, State and Federal Environmental, Health, and Education government officials
- Health Care Providers
- Day Care Providers
- School Administrators, Teachers, Facility Managers
- School nurses
- Child health organizations
- Parents
- General Public

Location

The Summit will be held in the Salt Lake City, Utah - Main Library located at 210 East 400 South, in Salt Lake City, Utah. This new six-story curving, walkable wall embraces the public plaza, with shops and services at ground level, reading galleries above, and a 300-seat auditorium and several break out rooms with state of the art audiovisual technology. Information about accommodations within walking distance of the Library can be found at http://www.deq.utah.gov/Childrens_Health_Summit/.

The library's underground parking facility can be accessed by turning mid-block from eastbound 400 South. Parking in this facility is free for the first half-hour, then \$.75 per half-hour after that.



Continuing Education Credits

We are planning to offer continuing education credits for physicians (CME), nurses (CNU), Certified Health Education Specialists (CHES), and for other professionals (CEU). We are in the process of submitting a Continuing Education Credit proposal to the Centers for Disease Control and Prevention and will update this section with approval status, as it becomes available.

About Our Keynote Speakers

Howard Frumkin, MD, DrPH



Howard Frumkin is Professor and Chair of the Department of Environmental and Occupational Health at the Rollins School of Public Health of Emory University, and Professor of Medicine at Emory Medical School, in Atlanta. He is an internist, environmental and occupational medicine specialist, and epidemiologist. He founded the Environmental and Occupational Medicine Consultation Clinic at The Emory Clinic and directed it from 1991 to 2000. He founded Emory's Occupational Medicine Residency training program and directed it from 1991 to 1997. He currently directs the Southeast Pediatric Environmental Health Specialty Unit, based at Emory.

Before coming to Emory in 1990, Dr. Frumkin was a faculty member at the University of Pennsylvania School of Medicine in Philadelphia. He is a member of the Board of Directors of Physicians for Social Responsibility (PSR), where he previously co-chaired the Environment Committee, past President of the Association of Occupational and Environmental Clinics (AOEC), former chair of the Science Board of the American Public Health Association (APHA), and Vice President of the Society for Occupational and Environmental Health (SOEH). From 1994 to 1996 he served as one of five U.S. members of the Committee to Reduce Lead Exposure in the Americas, a joint effort of the Institute of Medicine of the National Academy of Sciences and Mexico's National Institute of Public Health. He currently serves on the Institute of Medicine Roundtable on Environmental Health Sciences, Research, and Medicine. Dr. Frumkin was named to EPA's Children's Health Protection Advisory Committee in 2001, where he chaired the Smart Growth work group, and to the National Toxicology Program Board of Scientific Counselors in 2002. At the state level, he has served as a member of Georgia's Hazardous Waste Management Authority and Pesticide Advisory Committee. In Georgia's Clean Air Campaign, which manages public communication and social marketing regarding motor vehicle use and air pollution in the state, he serves on the Board and chairs the Health/Technical Committee. He has served as a consultant to several corporations, including Hewlett-Packard, Southwire, Georgia Power, and Polaroid, and to several unions, including the Chemical Workers Association and the Utility Workers Union. His research interests include public health aspects of urban sprawl; air pollution; lead and mercury toxicity; occupational asthma; climate change; health benefits of contact with nature; and environmental and occupational health policy, especially regarding minority workers and communities, and those in developing nations. His book, *Urban Sprawl and Public Health* (written with Larry Frank and Dick Jackson), and his textbook, *Environmental Health: From Local to Global*, will be published in 2004.

Dr. Frumkin received his A.B. from Brown University, his M.D. from the University of Pennsylvania, his M.P.H. and Dr.P.H. from Harvard, his Internal Medicine training at the Hospital of the University of Pennsylvania and Cambridge Hospital, and his Occupational Medicine training at Harvard. He is Board-certified in both Internal Medicine and Occupational Medicine, and is a Fellow of the American College of Physicians and the American College of Occupational and Environmental Medicine.

Dr. Frumkin was born in Poughkeepsie, New York. He is married to Beryl Ann Cowan, an attorney and child advocate. They have two children, Gabriel (age 16) and Amara (age 12). They live in the Druid Hills section of Atlanta with their three dogs and with too many other pets to mention.

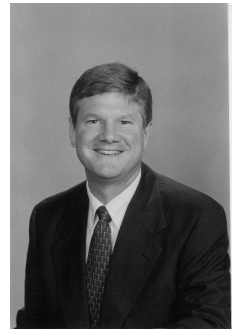
Patricia W. Jones, State Representative, Utah, District #40



Representative Patricia W. Jones is a successful businesswomen, legislator, community member and mother. The Utah Business Magazine named her one of 30 top women in business in April of 2002. Utah Health Magazine also named her Utah's Public Health Hero in 2002 for her efforts. As a legislator she sits on numerous committees, including the Higher Education Appropriations Subcommittee, the Utah House Health and Human Services Committee and the Legislative Management Committee. She has been very active in sponsoring environmental health issues such as the asthma inhaler bill that was passed March 2004. Jones sits on several boards of directors, including the South Valley Boy and Girls Club, the University of Utah Alumni Association, the Edward G. Callister Foundation, and the Hale Center Theatre. She has 4 children, 3 stepchildren, and 11 grandchildren. Jones graduated from Olympus High School before graduating Magna Cum Laude in Journalism from the University of Utah.

David Jacobs, PhD, CIH

David E. Jacobs was appointed Director of the Office of Lead Hazard Control in the U.S. Department of Housing and Urban Development on July 18, 1995. Dr. Jacobs is responsible for establishing policies and programs to prevent childhood lead poisoning caused by exposure to lead-based paint hazards in housing. He coordinates and oversees the Department's grant programs to state and local governments to finance lead hazard control in privately-owned, low-income housing, technical assistance and guidelines in development, technical studies, regulation and standards development, enforcement and public education. He is also responsible for advising the Secretary of HUD on lead-based paint matters and coordinating activities with other Federal agencies such as the Environmental Protection Agency and the Centers for Disease Control and Prevention.



Before joining HUD, Jacobs was Deputy Director of the National Center for Lead-Safe Housing, a non-profit scientific research and policy development organization and was on the faculty at the Georgia Institute of Technology, where he served as Director of the Southern Lead-Based Paint Training Consortium (which included the Georgia Institute of Technology, Texas A&M, and Louisiana State University). He was also a chemistry instructor at Oakland University. Jacobs has conducted numerous research projects on lead-based paint detection and hazard control technologies. He pioneered the development of lead-based paint risk assessment protocols in the public housing program and is the principal author of the HUD *Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing* and many other publications.

Jacobs earned his Ph.D. in Environmental Engineering and holds an M.S. in Technology and Science Policy, a B.S. in Environmental Health, and a B.A. in Political Science.

Our Presenters

Alicia Aalto

Children's Environmental Health Coordinator
US Environmental Protection Agency, Region 8

Brenda M. Afzal, RN, MS

Environmental Health Education Center
University of Maryland School of Nursing

Mark Anderson, MD

Director, Rocky Mountain Region
Pediatric Environmental Health Specialty Unit

Elizabeth Blackburn, RN

Team Leader, Outreach and Partnerships, OCHP
US Environmental Protection Agency

Angelo Bellomo

Director of Environmental Health and Safety
Los Angeles Unified School District (LAUSD)

Eugene C. Cole, DrPH

Professor Environmental Health and Infectious Disease
Brigham Young University

Frank DeRosso, MSPH, CIH

Rocky Mountain Environmental Consultants, L.L.C.

A. Christine Eppstein, LLB, LLM

Senior Project Manager
Environmental Council Of States

Rebecca Giles

Asthma Program Manager
UT Department Of Health

Bruce Hayes

Health and Safety Unit, Operations Division
Wyoming Department of Education

Amanda Hasty

Lead Program
US Environmental Protection Agency, Region 8

Dana Headapohl, MD

Occupational and Environmental Health Services
St. Patrick Hospital, Missoula, Montana

Douglas L. Kladder

Center for Environmental Health Research and
Technology, Inc.

Marc L. Lame, PhD

School of Public and Environmental Affairs
Indiana University

Mark McDermott, MD

Utah Primary Children's Medical Center

Leyla Erk McCurdy

Senior Director Health & Environment Programs
National Environmental Education and Training
Foundation

Marjean Magraw

Environmental Public Health Tracking Advisory Group
Montana Department of Public Health and Human
Services

Our Presenters (continued)

Art Palomares

Director, Environmental Justice Program
US Environmental Protection Agency, Region 8

James J. Quackenboss

US Environmental Protection Agency
National Environmental Research Lab-Las Vegas
Interagency Coordinating Committee (ICC) of the
National Children's Study

John Risher

Senior Science Advisor
Agency for Toxic Substances and Disease Registry

Gregg Smith, PE

Director, Buildings & Grounds
Salt Lake City School District

Brett Vanakkeren

Development, Community and Environment Division
US Environmental Protection Agency

Sandra Washek

Lead Program
North Dakota Department of Health

Michael Wenstrom

Environmental Justice Program
US Environmental Protection Agency, Region 8

Suzanne Wuerthele, PhD

Toxicologist
US Environmental Protection Agency, Region 8

2004 CHILDREN'S ENVIRONMENTAL HEALTH REGIONAL SUMMIT DRAFT AGENDA (Revised August 24, 2004)

Day 1: October 7, 2004

Time	Topic		
8:00 am – 8:30 am	Registration & Continental Breakfast		
8:30 am – 9:30 am	Welcome Remarks: Governor Olene S. Walker <i>(confirmed)</i> (20 min) Mike Leavitt, EPA Administrator <i>(invited)</i> (20 min) Questions & Answers (20 min)		
9:30 am – 10:30 am	Keynote Address 1: Healthy Places for Children (and the Rest of Us) Howard Frumkin, MD, DrPH, Chair, Department of Environmental and Occupational Health at the Rollins School of Public Health of Emory University in Atlanta <i>(confirmed)</i>		
10:30 am – 10:45 am	Break		
Concurrent Sessions:	Developing Partnerships to Protect Children's Health	Environmental Contaminants & Emerging Issues in Children's Environmental Health	School Environmental Health
10:45 am – 11:15 am	OCHP Efforts to Build Community Capacity in Children's Environmental Health Protection <i>(Elizabeth Blackburn, RN, Team Leader, Outreach and Partnerships, OCHP-EPA)</i> <i>(confirmed)</i>	Mercury Toxicity and Implications for Children's Health <i>(John Risher, Senior Science Advisor, ATSDR)</i> <i>(confirmed)</i>	Healthy School Environments Critical for Learning <i>(Alicia Aalto, US EPA Region 8, Children's Environmental Health Coordinator)</i> <i>(confirmed)</i>
11:15 am – 11:45 am	Creating a State-level Children's Environmental Health Network and Strategy <i>(Marjean Magraw, MT Environmental Public Health Tracking Advisory Group)</i> <i>(confirmed)</i>	Common and Not-So-Common Sources of Lead Poisonings <i>(Mark Anderson, MD, RMR PEHSU Director)</i> <i>(confirmed)</i>	Tools for Schools Part I <i>(Frank DeRosso, MSPH, CIH Rocky Mountain Environmental Consultants, L.L.C.)</i> <i>(confirmed)</i>

Day 1: October 7, 2004 (continued)

Time	Topic		
11:45 am – 1:15 pm	Working Lunch (Box Lunch) Keynote Address 2: A Legislator's Perspective on Children's Environmental Health Issues Patricia Jones, State Representative, Utah, District #40 (confirmed)		
Concurrent Sessions:	Developing Partnerships to Protect Children’s Health	Environmental Contaminants & Emerging Issues in Children’s Environmental Health	School Environmental Health
1:15 pm – 1:45 pm	ECOS/ASTHO National Childhood Asthma Prevention Campaign (A. Christine Eppstein, LLB, LLM, Senior Project Manager, ECOS) (confirmed)	Health Effects of Molds and Implications for Childrens' Environmental Health (Eugene C. Cole, DrPH, Professor Environmental Health and Infectious Disease, Brigham Young University) (confirmed)	Tools for Schools Part II (Gregg Smith, PE, Director, Buildings & Grounds, Salt Lake City School District (confirmed)
1:45 pm – 2:15 pm	State Asthma Plans (Rebecca Giles, Asthma Program Manager, UT DOH)(confirmed)	Radon: The Health Threat with a Simple Solution (Douglas L. Kladder, Center for Environmental Health Research and Technology, Inc. (confirmed)	Integrated Pest Management in Schools Part I (Marc L. Lame, PhD, School of Public and Environmental Affairs, Indiana University) (confirmed)
2:15 pm – 2:30 pm	BREAK & Refreshments		
2:30 pm – 3:00 pm	Connecting State Smart Growth Initiatives and Children's Environmental Health Protection (Brett Vanakkeren, Development, Community and Environment Division, US EPA) (confirmed)	Indoor Air Quality – Silent Indoor Air Toxins (Richard Shaughnessy, PhD) (confirmed)	Integrated Pest Management in Schools Part II (Marc L. Lame, PhD, School of Public and Environmental Affairs, Indiana University) (confirmed)
3:00 pm – 3:30 pm		PM 2.5 and Ozone Implications for Children's Health (Mark McDermott, MD, Primary Children’s Medical Center) (confirmed)	Providing a Safe and Healthy School Environment at LAUSD (Angelo Bellomo, Director of Environmental Health and Safety, Los Angeles Unified School District LAUSD) (confirmed)
3:30 pm – 4:00 pm		Childhood Obesity	School Laboratories and Other Chemical Hazards (Bruce Hayes, Health and Safety Unit, Operations Division, Wyoming Dept. of Education) (confirmed)
4:00 pm – 4:30	Increasing Migrant Farm Worker Protections: A Region 8 Initiative (Art Palomares & Michael Wenstrom, Environmental Justice Program, US Environmental Protection Agency, Region 8) (Confirmed)		
4:30 pm	ADJOURN		



Evening Social Networking Event:

Join us for an
"Oktoberfest" Dinner
 at
The University of Utah Olympic Cauldron Park and Museum
 From 6:00 to 9:00 pm



Day 2: October 8, 2004

Time	Topic		
8:00 am – 8:30 am	Continental Breakfast		
8:30 am - 9:30 am	Keynote Address 3: Housing and Public Health: Connecting the Dots David Jacobs, PhD, Director, Healthy Homes & Lead Hazard Control, US Housing & Urban Development (confirmed)		
Concurrent Sessions:	Developing Partnerships to Protect Children's Health	Emerging Issues in Children's Environmental Health	Integrating environmental health into health care provider education and practice
9:30 am - 10:00 am	The National Children's Study (James J. Quackenboss, Environmental Scientist, U.S. EPA, NERL-LV, Interagency Coordinating Committee (ICC) of the National Children's Study (confirmed))	The Emerging Science of Endocrine Disruption (Suzanne Wuerthele, PhD, Toxicologist, US EPA Region 8 (confirmed))	Pediatric Chief Resident Education (Mark McDermott, MD, Primary Children's Medical Center) (confirmed)
10:00 am – 10:30 am	Lead Strategy for Eliminating Childhood Lead Poisoning by 2010 (Amanda Hasty, Lead Program, US EPA, Region 8) (confirmed)	Polybrominated Diphenyl Ethers (PBDEs) (Suzanne Wuerthele, Toxicologist, PhD, US EPA Region 8) (confirmed)	EnviRN: A Virtual Resource for Environmental Health and Nursing (Brenda M. Afzal, RN, MS, EH Education Center, University of Maryland School of Nursing) (confirmed)
10:30 am - 10:45 am	BREAK		
10:45 am – 11:15 am	State/Local Partnerships to Prevent Childhood Lead Poisoning (Sandra Washek, Lead Program, North Dakota Department of Health) (invited)	Clandestine Methamphetamine Drug Labs Panel (Dana Headapohl, MD, Occupational and Environmental Health Services, St. Patrick Hospital, Missoula, MT) (confirmed) / (Darcy Jensen, SD Meth Awareness and Prevention Project) (invited)	Pesticides Initiative: A Model for Integrating Environmental Health into Health Care Provider Education and Practice (Leyla Erk McCurdy, Senior Director Health & Environment Programs, NEETF) (confirmed)
11:15 am – 11:45 am	Children's Environmental Health: A Call for Global Protection (Martha Berger, Office of Children's Health Protection, US EPA) (invited)		Environmental History Taking: Guidelines and Case Histories (Mark Anderson, MD, RMR PEHSU Director) (confirmed)
11:55 am – 12:15	CLOSING REMARKS		
12:15	ADJOURN		



Children's Environmental Health Regional Summit REGISTRATION

SPACE IS LIMITED SO PLEASE REGISTER EARLY

Register Online at www.epa.gov/region8/humanhealth/children

Mail-in registration will not be accepted.

REGISTRATION FORM

Title (Dr., Prof., Mr., Mrs., Ms.)	<input type="text"/>	Degree (Ph.D., M.S., B.S., etc.)	<input type="text"/>
First Name:	<input type="text"/>		
Last Name:	<input type="text"/>		
Position/Title:	<input type="text"/>		
Organization:	<input type="text"/>		
Address:	<input type="text"/>		
	<input type="text"/>		
City:	<input type="text"/>		
State:	<input type="text"/>	Zip Code:	<input type="text"/>
Phone:	<input type="text"/>	Fax:	<input type="text"/>
Email:	<input type="text"/>		

_____ I would like to attend the following concurrent sessions: (please select 1 per group)

Day 1:

Developing Partnerships to Protect Children's Health _____
Environmental Contaminants & Emerging Issues in Children's Environmental Health _____
School Environmental Health _____

Day 2:

Developing Partnerships to Protect Children's Health _____
Environmental Contaminants & Emerging Issues in Children's Environmental Health _____
Integrating environmental health into health care provider education and practice _____

_____ I will not be able to attend but would appreciate receiving copies of the Summit's educational materials

_____ I need Salt Lake City Hotel information

COST:

(includes continental breakfasts, box lunch, refreshments, and evening social)
\$100 Professional Fee / \$50 Student Fee. Limited Scholarships are available from UT DEQ.
For more information, please email llamb@utah.gov

Please make checks payable to:
Utah Department of Environmental Quality
and mail to:
Office of Planning and Public Affairs
P.O. Box 144810
Salt Lake City, Utah
84114-4810

If you have any questions or would like additional information please contact Alicia Aalto, EPA Region 8, Children's Environmental Health Coordinator at (303) 312-6967 or e-mail at aalto.alicia@epa.gov